PHOTOGRAPHIC INTERPRETATION REPORT



JANUARY SUMMARY REPORT

SELECTED TARGETS NORTH VIETNAM AND LAOS

NPIC/R-61/66 FEBRUARY 1966

GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

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PREFACE

This report provides a summary of photographic interpretation of selected COMOR targets and other targets in North Vietnam and Laos considered significant by the National Photographic Interpretation Center (NPIC).

Each installation report includes target name, geographic coordinates, WAC number, BE number (as appropriate), and NPIC number followed by the locator line, COMOR target number (as appropriate), and summary description suitable for the most recent mission included.

The date, mission number, photo reference data, and limiting conditions are given for each mission with OB information (as appropriate) listed directly above.

Only AAA defenses considered to be integral components of an installation are reported. They are divided

into three basic categories: light (ZPU-1, ZPU-2, ZPU-4, 37mm), medium (57mm, 85mm), and heavy (100mm and larger). The term HMGAA (heavy machine gun anti-aircraft) indicates a weapon smaller than a ZPU-1. When a category cannot be determined, the site is listed as an AAA site and the number of guns indicated (Ex.: 6-gun AAA site, occupied/unoccupied).

Targets are arranged 1) by country, 2) within the country by subject, 3) within the subject by WAC number, and 4) within the WAC number by geographic coordinates in ascending order.

An appendix explaining column headings, photo reference data, COMOR target numbers, and abbreviations for limiting conditions concludes the report.

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	Target	Coordinates	W4.6	Target I	Yumbers
,	i arger	Coordinates	WAC	BE	NPIC
25X1A	-LAOS- AIR INSTALLATIONS SAM NEUA AIRFIELD 2 NM EAST OF SAM NEUA. COMOR	2025N 10404E	Ø616	25X1A	136-A
25X1D	3,600 X 100 FT E/W SOD RUNWAY, SERVICEABLE. OB NONE OBSERVED. MILITARY INSTALLATIONS				
25X1A 25X1D 25X1A 25X1D 25X1D 25X1D	SAM NEUA MILITARY AREAS FOUR MILITARY AREAS REFERENCED FROM SAM NEUA. COMOR AREA A (SOUTH EDGE AT UTM. , SAM NEUA ARMY BARRACKS SOUTH, BE NO	2025N 10403E	Ø616		136-C

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Target	Coordinate	1	WAC	Target !	
	- Continue			BE	NPIC
25X1D	·				
				25X1A	
BOUN NEUA ARMY BARRACKS IMMEDIATELY WEST OF BOUN NEUA. COMOR ***********************************	2139N 1Ø	3153E	Ø616	£	103-
REST/REFUEL AREA CONTAINS 1 BARRACKS-TYPE AND 7 STORAGE/SUPPORT BUILDINGS. OB 2 CARGO TRUCKS.					
PHONG SALY BARRACKS AREA	2141N 10	82Ø6E	Ø616	25X1A	134-
<pre>Ø.1 NM NORTH OF PHONG SALY. COMOR STATE SMALL PROBABLE MILITARY AREA CONTAINS 3 BARRACKS AND 8 STORAGE/SUPPORT BUILDINGS.</pre>					
DARRAGES AND G STORAGES SON SON SOLEDINGS					
-NORTH: VIETNAM-			:		
AIR INSTALLATIONS				25X1A	
DIEN BIEN PHU AIRFIELD Ø.5 NM NORTH OF DIEN BIEN PHU. COMOR	2123N 10	33Ø1E	Ø616		105
AREA SUBJECTED TO AIR STRIKE. 4,000 X 90 FT NNW/SSE ASPHALT AND LATERITE RUNWAY, UNSERVICEABLE, WITH MANY BOMB CRATERS.					,

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1	-			Target 1	Numbers
	Target	Coordinates	WAC	BE	NPIC
25X1D	PHOTOGRAPHY OF REVEALED 1 FILLED-IN CRATER, BUT NO EVIDENCE OF RECONSTRUCTION. PHOTOGRAPHY OF RECONSTRUCTION ACTIVITY AT SSE END, EXTENDING THE RUNWAY 600 FT. THE SERVICEABLE LANDING AREA IS NOW 2,100 X 90 FT. FRESH AGGREGATE HAS BEEN SPREAD ON A 300 X 90 FT AREA 1,400 FT FROM SSE END OF RUNWAY. AT LEAST 7 PARACHUTES OBSERVED ON UNDAMAGED FACILITIES INCLUDE A WEATHER STATION, A COMMUNICATIONS FACILITY, AND 2 BARRACKS/STORAGE BUILDINGS. OB NONE OBSERVED.				
25X1D				25X1A	
25X1A	NGHIA LO AIRFIELD SW EDGE OF NGHIA LO. COMOR	2136N 10430E	Ø616		133-A
25X1D	OB NONE OBSERVED.				
25 X 1D	YEN BAI SUSPECT AIRFIELD UNDER CONSTRUCTION 2.3 NM NW OF YEN BAI AT UTH SUSPECT AIRFIELD IN EARLY STAGE OF CONSTRUCTION CONSISTS OF A 6,600 X 600 FT	2144N 10452E	Ø616		147-D

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_	Constitution	WAC	Target Numbers		
Target	Coordinates	WAC	BE	NPIC	
NW/SE AREA OF CONSTRUCTION. THE KARST HILLS IN THIS AREA ARE BEING LEVELED. THE MATERIAL OBTAINED IS BEING USED TO FILL IN VALLEYS BETWEEN THE HILLS AND TO BUILD NEW ROADS. EXCESS MATERIAL IS BEING DUMPED ON A SAND BAR IN THE RED RIVER. ONE 6.000-FT DRAINAGE CANAL IS PARALLEL TO SUSPECT AIRFIELD AND SEVERAL MINOR DRAINAGE CANALS ARE ADJACENT TO THE AREA. AN EXTENSIVE ROAD NETWORK, WITH CONNECTING LINKS TO NUMEROUS NEW STORAGE AREAS, IS UNDER CONSTRUCTION. THE COMPLETED PORTIONS ARE BEING CAMOUFLAGED WITH VEGETATION. AT LEAST 285 NEW STORAGE/SUPPORT BUILDINGS ARE DISPERSED IN TREES AT THE BASE OF THE KARST HILLS. OB NONE OBSERVED. ACTIVITY AT LEAST 32 PIECES OF CONSTRUCTION EQUIPMENT.			25X1A		
LAI CHAU AIRFIELD IMMEDIATELY SE OF LAI CHAU. COMOR 2,500 X 100 FT NNE/SSW SOD RUNWAY, PROBABLY	22Ø3N 1Ø3Ø9E	Ø616	;	118-A	
VINH AIRFIELD 3.5 NM NORTH OF VINH. COMOR 6,400 X 190 FT N/S LATERITE RUNWAY, UNSERVICEABLE.	1843N 10540E	Ø617 ·	25X1A	128-A	

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Approved For Release 2000 05/0 4/1157EM D26-1 Target Numbers WAC Coordinates NPIC BE AIRFIELD SUBJECTED TO AIR STRIKE. APPROXIMATELY 25 BOMB CRATERS OBSERVED ON AND NEAR NORTH END OF RUNWAY. FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 1 CROSSOVER LINK, 2 ALERT APRONS, A PARKING APRON, 13 AIRCRAFT REVETMENTS, A CONTROL TOWER/OPERATIONS BUILDING, AND SEVERAL MAINTENANCE/SUPPORT BUILDINGS. 25X1D 25X1A 25X1D BAI THUONG AIRFIELD 1954N 1Ø528E Ø617 15Ø-A 5 NM EAST OF BAI THUONG AT UTM 6,600 x 200 FT NE/SW RUNWAY DELINEATION OBSERVED. SUB-SURFACING MATERIAL IS BEING APPLIED TO THE ORIGINAL GRADED BASE OF RUNWAY. INITIAL APPLICATION OF THE FINAL RUNWAY SURFACE IS BEGINNING ON SE END DF RUNWAY. EXTENSIVE DRAINAGE PATTERNS ARE STILL APPARENT. INITIAL GRADING AND FOUNDATION EXCAVATIONS HAVE BEGUN ON A TAXIWAY WHICH WILL PARALLEL SOUTH SIDE OF RUNWAY. TEN EARTHEN AIRCRAFT REVETMENTS HAVE BEEN CONSTRUCTED, 5 AT EACH END OF THE RUNWAY. THESE 2 REVETMENT AREAS WILL BE CONNECTED BY THE NEW TAXIWAY. OB -- NONE OBSERVED. ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE AT SE END OF RUNWAY, AT LEAST 9 PIECES OF CONSTRUCTION EQUIPMENT IN A REVETMENT NEAR AIRFIELD, AND NUMEROUS CONSTRUCTION 25X1D PERSONNEL NEAR RUNWAY.

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			W. 6	Target N	lumbers
	Target	Coordinates	WAC	BE	NPIC
	MILITARY INSTALLATIONS			25X1A	
			1	ZOXIA	
	DIEN BIEN PHU HQ 316 INFANTRY BRIGADE TEN SMALL MILITARY AREAS REFERENCED FROM	2119N 10301E	Ø616		1Ø5-A
25X1A	CENTER OF DIEN BIEN PHU AIRFIELD.				
25X1D	AREA A (1.2 NM NNW AT UTM				
25X1D	RAZED.				
	AREA B (1.2 NM NW AT UTM			İ	
	BARRACKS, 1 ADMINISTRATION, 2 STORAGE (1 WITH MONITOR ROOF), AND 4 MISCELLANEOUS BUILDINGS.	*			
25X1D	AREA C (Ø.7 NM NE AT UTM			ļ	
	RAZED. ONE BUILDING REMAINS INTACT, 8 ARE			1	
	DAMAGED, AND 16 ARE DISMANTLED.				
25X1D	AREA D (1.1 NM ENE AT UTM				
	SUBJECTED TO AIR STRIKE. ONE PROBABLE				
	ADMINISTRATION BUILDING PARTIALLY DAMAGED				
	AND 3 PROBABLE AMMUNITION STORAGE BUILDINGS				
25X1D	REMAIN INTACT. AREA E (0.3 NM SOUTH AT UTM TO AREA				
	COMPLETELY DESTROYED. ONE DAMAGED				
	BUILDING REMAINS.				
25X1D	AREA F (Ø.5 NM EAST AT UTM				
	LARGE AND 3 SMALL ADMINISTRATION, 3 MESSHALL				
	(2 DISMANTLED), 1 LARGE STORAGE, AND NUMEROUS DISMANTLED/DESTROYED SUPPORT				
25X1D	BUILDINGS.				
	AREA G (1 NM ESE AT UTM			1	1
05740	AREA COMPLETELY DISMANTLED/DESTROYED.				
25X1D	AREA H (Ø.8 NM SSE AT UTM AREA				
25X1D	SUBJECTED TO AIR STRIKE. TEN DAMAGED				
23/10	BUILDINGS REMAIN.				
	AREA I (1.6 NM SSE AT UTM 7 BARRACKS, 5 SUPPORT BUILDINGS, AND				
	DAKKACK21 -3 20LEOK! DOTFOING21 - WAR				
		1	1	1	1

	CONFIDENTIAL Approved For Release F28006 NOTIFIED ENTIAL	25X1C 026-1		R-61	/66
	Target	Target Coordinates WAC			
				BE	NPIC
1 25X1D	NUMEROUS SMALL SHACKS REMAIN. AREA J (AT DIEN BIEN PHU AT UTM				
25X1A 25X1D 25X1A 25X1D 25X1A 25X1A 25X1D 25X1D 25X1D	VINH MILITARY INSTALLATIONS FIVE MILITARY INSTALLATIONS IN VINH AREA. COMOR AREA A (IN VINH AT UTM ARMY BKS CITADEL, BE NO BARRACKS-TYPE, 7 ADMINISTRATION, 13 STORAGE, 3 MESSHALL, AND APPROXIMATELY 30 MISCELLANEOUS BUILDINGS. AREA B (0.9 NM NW OF VINH CITADEL AT UTM VINH HQ MIL REGION IV, BE NO 27 BARRACKS, 12 ADMINISTRATION, 8 STORAGE, 2 MESSHALL, 1 MAINTENANCE, AND APPROXIMATELY 25 MISCELLANEOUS BUILDINGS. AREA HEAVILY STRUCK. APPROXIMATELY 60 BUILDINGS DAMAGED/DESTROYED. AREA C (1.5 NM NW OF VINH AT UTM VINH ARMY BKS NW, BE NO 13 BARRACKS, 2 ADMINISTRATION/SUPPORT, 2 STORAGE, AND 1 MESSHALL BUILDING AND APPROXIMATELY 10 MISCELLANEOUS SHEDS.	1840N 10541E	Ø617		128-B
25X1A	AREA D (1.5 NM EAST OF VINH AT UTM VINH ARMY SUPPLY DEPOT EAST, BE NO 35 BUILDINGS DAMAGED. NO				

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Approved For Release 20000040455EM 6-1 Target Numbers Coordinates WAC 25X1D RECONSTRUCTION OBSERVED. AREA E (2 NM ENE OF VINH AT UTM BARRACKS AREA CONTAINS 10 BARRACKS, 1 LARGE PROBABLE ADMINISTRATION, 1 MESSHALL, AND 4 SUPPORT BUILDINGS. AREA ADJACENT ON NW CONTAINS 4 DAMAGED SUPPORT BUILDINGS. TWO LARGE BOMB CRATERS OBSERVED. 25X1D 25X1A 25X1D PHUC LOI NAVAL BASE 1844N 1Ø545E Ø617 128-M Ø.3 NM NE OF VINH AT PHUC LOI (UTM 25X1A COMOR AREA SUBJECTED TO AIR STRIKE. FACILITIES INCLUDE A T-HEAD PIER, 1 FINGER PIER WITH PONTON WHARF, 2 DAMAGED MARINE RAILWAYS, 1 LARGE SEVERELY DAMAGED BARRACKS, 5 STORAGE/ SUPPORT BUILDINGS (1/ SEVERELY DAMAGED). A POL STORAGE AREA, AND AN AMMUNITION STORAGE AREA WITH 4 REVETTED BUILDINGS. 25X1D 25X1A MUONG SEN ARMY SUPPLY DEPOT 1923N 10408E Ø617 117 25X1D Ø.5 NM SE OF MUONG SEN ON BOTH SIDES OF ROUTE 7 AT UTM. 25X1A COMOR ALL BUILDINGS HAVE BEEN DESTROYED OR DISMANTLED. SIX LARGE CRATERS OBSERVED IMMEDIATELY WEST OF BARRACKS AREA. NO EVIDENCE OF CURRENT MILITARY ACTIVITY OBSERVED. 25X1D

BASI VINH 25X1A 25X1D AR 25X1D BU CC A 25X1D AR ST AP 25X1D AR CC CC AR CC CC AR CC CC AR CC CC AR CC CC CR CR	CONFIDENTIAL 25X1C Approved For Relea ୬၉ 5ର% ମଧ୍ୟ ବୃଦ୍ଧ ।					
25X1A 25X1D AR 25X1D			* * *****	I	Target 1	lumbers
25X1A 25X1D AR 25X1D AR ST AP 25X1D AR ST AP CO RA	Target	Coord	dinates	WAC	BE	NPIC
25X1D AR ST AP 25X1D AR COOL A	25X1D					
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25X1A CCC ARAC STERM AP 25X1D AR ST AP 25X1D AR CCC ARAC ARAC CCC	The state of the s				25X1A	
25X1D BU CC A A 25X1D AR ST AP 25X1D BU CC C A C C C C C C C C C C C C C C C C	INH RAILROAD CLASSIFICATION YARD NW 1.2 NM:NNW OF VINH. COMOR AREA A (UTM MEDICAL OF THE TOTAL OF T	1841N	10540E	Ø617		128 - F
25X1D AR ST AP 25X1D BU CO SE PR CO RA	TERMINATES IN A CONCRETE LOCOMOTIVE REVETMENT, 3 COMPLETED SPURS, 1 SPUR UNDER CONSTRUCTION, A LOADING RAMP, AND 3 SUPPORT/STORAGE					
25X1D AR ST AP 25X1D BU AR CO SE PR CO RA	BUILDINGS. A LARGE TERMINAL BUILDING IS UNDER CONSTRUCTION AT UTM AT TERMINUS OF A NEW RAIL SPUR.					
25X1D BU AR CO SE PR CO RA	AREA B (UTM ————————————————————————————————————					
	BUILDINGS. AREA C (UTM — — TRANSSHIPMENT AREA CONNECTED TO ROUTE 1 BY PRIMARY ROAD HAS BEEN SEVERELY DAMAGED WITH 1 LARGE BUILDING PROBABLY DAMAGED. ADJACENT SUPPORT AREA CONTAINS 11 BUILDINGS (2 MULTIWINGED). RAILS THROUGHOUT YARD HAVE BEEN INTERDICTED BY NUMEROUS BOMB CRATERS.					
25X1D						
. PORT	DRTS AND HARBORS				25X1A	
25X1D 2. 25X1A IR CO	EN THUY PORT FACILITIES 2.2 NM SSE OF VINH ON WEST BANK OF SONG CA (RIVER) AT UTM COMOR COMPLEX CONTAINS 4 STORAGE AREAS WITH	1839N	10542E	Ø617 ·		128-D

25X1C CONFIDENTIAL R-61/66 Approved For Release 2000/04/1979 026-1 Target Coordinates WAC BE NPIC APPROXIMATELY 25 STORAGE BUILDINGS, A LARGE SAWMILL, AN OFFSHORE WHARF, AND 1 WAREHOUSE PARTIALLY DESTROYED BY AIR STRIKE. THE THERMAL POWERPLANT AND RECONSTRUCTED RAIL SPUR HAVE BEEN SUBJECTED TO AIR STRIKE AND ARE BOTH UNSERVICEABLE. OB -- NONE OBSERVED. VESSELS -- 1 CAPSIZED COASTAL FREIGHTER AT 25X1D OFFSHORE WHARF. URBAN COMPLEXES 25X1A LAI CHAU COMPLEX 22Ø3N 1Ø3Ø9E Ø616 118-B ON ROUTE 41. 25X1A COMOR PRIMARILY RESIDENTIAL COMPLEX, LESS THAN 2 SQ MI, INCLUDES 2 SMALL MILITARY CAMPS, ONE 1 NM SOUTH AND ONE Ø.5 NM NE. SEVERAL DEFENSE POSITIONS OBSERVED. 25X1D

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates -- Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

 $\underline{WAC}\mbox{--}This$ column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0468-15-A and an NPIC target number 0467-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

COMOR target numbers, when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear), SC (scattered cloud cover), H (haze), CS (cloud shadow), HC (heavy cloud cover), SD (semidarkness), S (snow), O (obliquity), GC (ground cover), CF (camouflage), and GR (ground resolution).

Interpretability of the photography is categorized as G (good), F (fair), or P (poor).

Target coverage is denoted by the symbols T (total) or PT (partial),

The mode of coverage is indicated by ST (stereo), NS (nonstereo), or PS (partial stereo).